

Appl. No. 09/324,149  
Amdt. dated October 4, 2004  
Reply to Office Action of August 23, 2004

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1.-23. (canceled)

Claim 24. (previously presented) A multicolor display apparatus comprising:

a nanocrystal array forming an array of pixels, wherein the array of pixels comprises a first discrete pixel comprising first nanocrystal particles of a first size and a second discrete pixel comprising second nanocrystal particles of a second size; and

a pixel addressing system operatively associated with the array of pixels, wherein the pixel addressing system is adapted to excite the first nanocrystal particles in the first discrete pixel using light comprising a wavelength to cause the first pixel to produce a first color and to excite the second nanocrystal particles in the second discrete pixel using light of the same wavelength to cause the second discrete pixel to produce a second color.

Claim 25. (previously presented) The apparatus of Claim 24 wherein the pixel addressing system includes a light source that produces only one wavelength of light.

Claim 26. (previously presented) The apparatus of Claim 24 wherein the pixel addressing system includes a backlight source and a liquid crystal modulator.

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Claim 27. (previously presented) The apparatus of Claim 24 wherein the light is blue light.

Claim 28. (previously presented) The apparatus of Claim 24 further comprising a long pass filter  
in operative association with the array of pixels.